

## CLAIMS:

Sub A<sup>1</sup> 1. A user interface for the processing and presentation of image data, notably medical image data, which interface is arranged to co-operate with a database containing the image data, and a visual display unit and an input member that serves for communication with a user, characterized in that for each group of coherent image data of the data file the  
5 interface performs an image selection so as to present this selection to the display unit.

2. A user interface as claimed in claim 1, wherein the image data is combined with attribute data that is taken up in the database and characterizes a patient or the relevant image data, characterized in that the interface selects, in dependence on the attribute data,  
10 feasible applications for each group of coherent image data and separately adds a reference to every selected application to the image selection associated with the group of coherent image data for which the relevant application has been selected.

3. A user interface as claimed in claim 2, characterized in that it is arranged to  
15 add or remove an application selected by a user to or from an image selection.

4. A user interface as claimed in one of the claims 1 to 3, characterized in that it displays the feasible applications on the display unit and that, after selection of an application by a user, the interface performs a selection of every group of coherent image data that can be  
20 processed by the selected application and presents only the image selections that characterize this image data to the display unit.

5. A user interface as claimed in claim 4, characterized in that the interface shows the feasible sub-functions for each application and that each of these sub-functions can  
25 be individually selected by a user.

6. A user interface as claimed in one of the preceding claims, characterized in that the applications and/or sub-functions are adjustable in a desired processing order.

7. A medical analysis apparatus that is provided with a computer and a visual display unit coupled to the computer and an input member, characterized in that it includes a user interface as claimed in one of the claims 1 to 6.

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